

INDEX TO VOLUME 113

New scientific names are in bold face

- Abundance 187-200
 Acadia National Park 260-279
Acrosiphonia arcta (Codiolales, Chlorophyta) from environmentally different habitats in Nova Scotia, Canada. Morphological variation in, 87-105
Acrosiphonia arcta, *A. sonderi*, *A. spinescens*, 87-105
 Aedo, Carlos and Patrick J. Alexander. *Geranium dodecatheoides*, a new species from New Mexico, U.S.A. 252-259
 Aegagropilous *Gracilaria* 300-350
 Alexander, Patrick J. 252-259
 Alix, Mitchell S. 32-46
 Allegheny High Plateau 47-63
 Angelo, Ray and David E. Boufford. Atlas of the flora of New England: Caryophyllidae. 419-513; maps 420, 447-512
 ANNOUNCEMENTS:
 A New Feature in *Rhodora* 123, 234, 364
 Merritt Lyndon Fernald Award 363
 NEBC Graduate Student Research Award 362
 Aster 64-86
 Asteraceae 64-86
 Atlantic Coastal Plain 32-46
 Atlas 419-513
 Atlas of the flora of New England: Caryophyllidae. 419-513; maps 420, 447-512
 Baltic Sea (northern Europe) 300-350
 Bart, David, Matt Simon, Quentin Carpenter, and Stephanie Graham. Historical land use and plant-community variability in a Wisconsin calcareous fen. 160-186; species list 183-186
 Benthic "marine" algae in Bras d'Or Lake, Nova Scotia with five other Northwest Atlantic embayments and the Baltic Sea in northern Europe. A floristic comparison of, 300-350; species list for Bras d'Or Lake 334-350
 Biogeography 260-279
 Biomonitoring 1-31
 Bladderwort 32-46
 BOOK REVIEWS:
 Botanic Gardens: Modern-Day Arks 225-226
 Plants of Acadia National Park, The 353-354
 Plants of St. Lawrence County, NY: An Annotated Checklist of Vascular Flora 106-108
 Serpentine: The Evolution and Ecology of a Model System 523-526
 William Bartram, the Search for Nature's Design: Selected Art, Letters, and Unpublished Writings 109-112
 Borkowsky, Christie L. 201-219
 Boufford, David E. 419-513
 Brackish water 300-350
 Bras d'Or Lake, Nova Scotia 300-350; species list 334-350
 Brooksville, Maine, U.S.A. 1-31
 Budnick, Karen E. 201-219
 Buhrstone Hills, Mississippi 365-418
 Calcareous fens 160-186
 Cape Breton Island 300-350
 Carnivorous plants 235-251
 Carpenter, Quentin 160-186
 Caryophyllidae 419-513
 Chlorophyta 87-105
 Ciccotelli, Brett, Tanner B. Harris, Bruce Connery, and Nishanta Rajakaruna. A preliminary study of the vegetation of vernal pools of Acadia National Park, Maine, U.S.A. 260-279; species list 267-273
 Circumboreal 187-200

- Clayden, Stephen R. 1-31
- Composition and structure of riparian forest dominated by *Tsuga canadensis*: Contrasts between old-growth and second-growth stands in northwestern Pennsylvania. 47-63
- Conioselinum chinense* over-reported in eastern Massachusetts due to confusion with *Peucedanum palustre*. 516-518 (The Botanists' Corner)
- Connery, Bruce 260-279
- Connolly, Bryan A. *Conioselinum chinense* over-reported in eastern Massachusetts due to confusion with *Peucedanum palustre*. 516-518 (The Botanists' Corner)
- Conservation 1-31
- Cook Forest State Park 47-63
- Cook, Rachael E. and Charles E. Williams. Composition and structure of riparian forest dominated by *Tsuga canadensis*: Contrasts between old-growth and second-growth stands in northwestern Pennsylvania. 47-63
- Copper- and zinc-enriched superfund site in Brooksville, Maine, U.S.A. A, 1-31
- Cyperaceae 351-352
- Dawes, Clinton J. 300-350
- Dibble, Alison C. 1-31
- Distribution 419-513
- Disturbance 187-200
- Dodecatheon* 280-299
- Doffitt, Chris 365-418
- Doughty, E. D. 235-251
- Dwarf scouring-rush 187-200
- Eastern hemlock 47-63
- Edaphic ecology 1-31
- Edaphic islands 260-279
- Ellison, A. M. 235-251
- Endangered species 32-46; 516-518
- Endemism 1-31
- Environmental factors influencing the local abundance of *Equisetum scirpoides* near the southern extent of its range. 187-200
- Environmental pollution 1-31
- Ephemeral wetlands 260-279
- Equisetum scirpoides* 187-200
- Equisetum scirpoides* near the southern extent of its range. Environmental factors influencing the local abundance of, 187-200
- Esselman, Elizabeth J. 280-299
- Estuarine 87-105; 300-350
- Extremophiles 1-31
- Flora (New England) 419-513
- Floral visitor, insect 64-86
- Floristic comparison of benthic "marine" algae in Bras D'Or Lake, Nova Scotia with five other Northwest Atlantic embayments and the Baltic Sea in northern Europe. A, 300-350; species list for Bras D'Or Lake 334-350
- Floristic comparisons 300-350
- Fruit and seed characters help distinguish southern Illinois *Dodecatheon* (Primulaceae) species and highlight unusual intergrading populations. 280-299
- Gentianaceae 514-515
- Geraniaceae 252-259
- Geranium* 252-259
- Geranium dodecatheoides*, a new species from New Mexico, U.S.A. 252-259
- Graham, Stephanie 160-186
- Habitat 187-200
- Habitat conservation 260-279
- Harris, Tanner B. 1-31; 260-279
- Hemiparasitic plants 125-159
- Hill, Jovonn 365-418
- Historical land use and plant-community variability in a Wisconsin calcareous fen. 160-186; species list 183-186
- Historical notes and new records for the rare Atlantic Coastal Plain species *Utricularia resupinata* (Lentibulariaceae) in Indiana. 32-46

- Horsburgh, M., J. C. Semple, and P. G. Kevan. Relative pollinator effectiveness of insect floral visitors to two sympatric species of wild aster: *Symphytotrichum lanceolatum* (Willd.) Nesom and *S. lateriflorum* (L.) Löve & Löve (Asteraceae: Astereae). 64-86
- Host plants 125-159
- Hoy, Joann. A new native plant for New Hampshire, *Trichophorum planifolium* (Cyperaceae). 351-352 (The Botanists' Corner)
- Hybridization 280-299
- Illinois, southern 280-299
- IN MEMORIAM:
 Leslie J. Mehrhoff 1950-2010 519-522
- Indiana flora 32-46
- Insular ecology 260-279
- Intergrading populations, *Dodecatheon* 280-299
- Invasive species 160-186
- Isolated wetlands 260-279
- Jones, Michael T. and William A. Patterson III. Environmental factors influencing the local abundance of *Equisetum scirpoides* near the southern extent of its range. 187-200
- Kevan, P. G. 64-86
- Lamiaceae 220-224
- Land-use history 160-186
- Lauderdale County, Mississippi 365-418
- Lentibulariaceae 32-46
- Lichen-metal relations 1-31
- Lichens of the Callahan Mine, a copper- and zinc-enriched superfund site in Brooksville, Maine, U.S.A. 1-31; species list 17-31
- Maine 1-31; 260-279
- Majure, Lucas C., Jovonn Hill, Chris Doffitt, and Terrence C. Majure. The vascular flora of Lauderdale County, Mississippi, U.S.A. 365-418; species list 388-418
- Majure, Terrence C. 365-418
- Manitoba 201-219
- Massachusetts 187-200; 516-518
- Mathieson, Arthur C. and Clinton J. Dawes. A floristic comparison of benthic "marine" algae in Bras d'Or Lake, Nova Scotia with five other Northwest Atlantic embayments and the Baltic Sea in northern Europe. 300-350; species list for Bras d'Or Lake 334-350
- Mississippi 365-418
- Morphological variability 87-105
- Morphological variation in *Acrosiphonia arcta* (Codiolales, Chlorophyta) from environmentally different habitats in Nova Scotia, Canada. 87-105
- Morphology 235-251
- Morphometrics 280-299
- Namestnik, Scott A. 32-46
- Naturalized species, *Salvia glutinosa* in southeastern New York 220-224
- Ne'eman, G. 235-251
- Ne'eman, R. 235-251
- NEBC Meeting News 114-122, 228-233, 356-361, 528-531
- Nectar 201-219
- Nectar sugar concentration and nectar quantity in the Western Prairie Fringed Orchid, *Platanthera praecleara* (Orchidaceae). 201-219
- New Books 113, 227, 355, 527
- New England 187-200; 419-513
- New Hampshire 351-352
- New Mexico 252-259
- New native plant for New Hampshire, *Trichophorum planifolium* (Cyperaceae). A. 351-352 (The Botanists' Corner)
- New records 32-46; 351-352
- New species from New Mexico, U.S.A. *Geranium dodecatheoides* 252-259
- New York, *Salvia glutinosa* 220-224
- Non-native plants 125-159; 220-224

- Northwest Atlantic 87-105
 Northwest Atlantic embayments 300-350
 Nova Scotia 87-105; 300-350
- Oberle, Brad and Elizabeth J. Esselman. Fruit and seed characters help distinguish southern Illinois *Dodecatheon* (Primulaceae) species and highlight unusual intergrading populations. 280-299
- Olday, Fred C. 1-31
 Old-growth and second-growth stands in northwestern Pennsylvania 47-63
 Old-growth forest 47-63
- Ontario, *Symphyotrichum* floral visitors 64-86
- Open coastal 87-105
 Orchidaceae 201-219
 Orobanchaceae 125-159
- Oswald, W. W., E. D. Doughty, G. Ne'eman, R. Ne'eman, and A. M. Ellison. Pollen morphology and its relationship to taxonomy of the genus *Sarracenia* (Sarraceniaceae). 235-251
- Patterson III, William A. 187-200
Pedicularis lanceolata 125-159
 Pennsylvania, old-growth forest 47-63
Peucedanum palustre 516-518
- Plant species associated with a regionally rare hemiparasitic plant, *Pedicularis lanceolata* (Orobanchaceae), throughout its geographic range. 125-159; species list 141-159
- Plant-community variability in a Wisconsin calcareous fen. Historical land use and, 160-186
- Plant-soil relations 260-279
Platanthera praeclara 201-219
 Pollen 235-251
 Pollen morphology and its relationship to taxonomy of the genus *Sarracenia* (Sarraceniaceae). 235-251
 Pollination 64-86; 201-219
 Pollinator effectiveness 64-86
- Pollinator effectiveness of insect floral visitors to two sympatric species of wild aster: *Symphyotrichum lanceolatum* (Willd.) Nesom and *S. lateriflorum* (L.) Löve & Löve (Asteraceae: Astereae). Relative, 64-86
- Preliminary study of the vegetation of vernal pools of Acadia National Park, Maine, U.S.A. A, 260-279; species list 267-273
- Primulaceae 280-299
- Pringle, James S. Validation of the name *Zeltnera texensis* (Gentiana-ceae). 514-515 (Note)
- Rajakaruna, Nishanta 1-31; 260-279
- Rajakaruna, Nishanta, Tanner B. Harris, Stephen R. Clayden, Alison C. Dibble, and Fred C. Olday. Lichens of the Callahan Mine, a copper- and zinc-enriched superfund site in Brooksville, Maine, U.S.A. 1-31; species list 17-31
- Rare species, *Utricularia resupinata* 32-46; regionally rare *Pedicularis lanceolata* 125-159
- Record, Sydne. Plant species associated with a regionally rare hemiparasitic plant, *Pedicularis lanceolata* (Orobanchaceae), throughout its geographic range. 125-159 species list 141-159
- Regionally rare plants 125-159
- Relative pollinator effectiveness of insect floral visitors to two sympatric species of wild aster: *Symphyotrichum lanceolatum* (Willd.) Nesom and *S. lateriflorum* (L.) Löve & Löve (Asteraceae: Astereae). 64-86
- Remediation 1-31
- Reviewers of manuscripts 532
- Riparian forest 47-63
- Salvia glutinosa* (Lamiaceae) naturalized in southeastern New York. 220-224 (Note)
Sarracenia 235-251
 Sarraceniaceae 235-251

- Scribailo, Robin, W., Mitchell S. Alix, and Scott A. Namestnik. Historical notes and new records for the rare Atlantic Coastal Plain species *Utricularia resupinata* (Lentibulariaceae) in Indiana. 32-46
- Scrosati, Ricardo A. 87-105
- Seasonal variation in the nectar sugar concentration and nectar quantity in the Western Prairie Fringed Orchid, *Platanthera praeclara* (Orchidaceae). 201-219
- Seaweed ecology 300-350
- Second-growth forest 47-63
- Semple, J. C. 64-86
- Serpentine 1-31
- Simon, Matt 160-186
- Sphingidae 201-219
- Spongomorpha* 87-105
- Statement of ownership 124
- Submerged fucoid algae 300-350
- Superfund site in Brooksville, Maine, U.S.A. 1-31
- Sussmann, Andrea V. and Ricardo A. Scrosati. Morphological variation in *Acrosiphonia arcta* (Codiolales, Chlorophyta) from environmentally different habitats in Nova Scotia, Canada. 87-105
- Symphyotrichum lanceolatum*, *S. lateriflorum* 64-86
- Systematics 235-251
- Tabak, Nava M. *Salvia glutinosa* (Lamiaceae) naturalized in southeastern New York. 220-224 (Note)
- Tall Grass Prairie Preserve, Manitoba 201-219
- Taxonomy 252-259
- Trichophorum plantifolium* 351-352
- Tsuga canadensis* 47-63
- United States 252-259
- Utricularia resupinata* in Indiana 32-46
- Validation of the name *Zeltnera texensis* (Gentianaceae). 514-515 (Note)
- Vascular flora of Lauderdale County, Mississippi, U.S.A. The, 365-418; species list 388-418
- Vegetation of vernal pools of Acadia National Park, Maine, U.S.A. A preliminary study of the, 260-279; species list 267-273
- Vernal pool vegetation 260-279
- Weedy species 160-186
- Western Prairie Fringed Orchid, *Platanthera praeclara* (Orchidaceae). 201-219
- Westwood, A. Richard, Christie L. Borkowsky, and Karen E. Budnick. Seasonal variation in the nectar sugar concentration and nectar quantity in the Western Prairie Fringed Orchid, *Platanthera praeclara* (Orchidaceae). 201-219
- Williams, Charles E. 47-63
- Wisconsin, calcareous fen 160-186
- Zeltnera texensis* 514-515